AUTHOR TITLE

KOZLOV, V.P., and TOKAREV, L.V., ENERGENER Geochemical Characteristics of Organic Substances and pitumens Dispersed in the Deposits of Coal Measures of the lower Carboniferous of the Kuyibyshev Near-Volga Region. 20-2-42/67 (Geokhimicheskya kharakteristika organicheskogo veshchestva i bitumov, rasseyannykh v otlozeniyakh uglenosnogo gorizonta hizh-

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nego karbona Kuybyshevskogo Povolzhya - Russian) Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 2, pp 391-394,

(U.S.S.R.)

Received 6/1957

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ABSTRACT

The deposits of coal measures of the (Stalinogorsk) lower Carboniferous within the conventioal limits of limestones with a Turneyfauna up to the bottom of the first intermediate layer from below of the limestone with a tula-fauna are on the whole formed by terrogene rock. The thickness of the horizon fluctuates up to some 300-400 m. In the east of the area it has its greatest thickness and is devided into layers: 1. a chiefly loamy lower on which developed in a bay filled with fresh water at times, 2. an essential--y sand upper one which in its lower part developed under different conditions: from a bay filled with fresh water to continuous seacoast marshes. Its upper part was mainly formed by mainland accumulations: by lakes, swamps and rivers, and possibly also by their deltas. In the present paper the organic substances and bitumens of these layers are investigated from a geochemical point of view.

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Results show that also those rock varieties at which macrosopically no coal is noticeable have an increased content of organic carbon. The content of free bitumen A and the total content of bitumen (A + C) generally falls from limestone in the direction of loam and further - coal, that is with increasing quantity of the organic matter. The content of the undissoluble organic residual matter is high and increases from the aleurolites into the direction of coal. If the content of Bitumen is related to the quantity of rock (schelule 1) a different graph comes out. The yield of the chloroform-extraction of the free bitumen A generally grows with the increase of the coal-organic substance in the rock. Elementary analysis shows that extractions even from a highly carbonaceous rock are reduced to the highest extent. This relatively also concerns bitumen C. The combination of components of the A-extraction shows that the bitumen from loam and argillitene as well as from the highly carbonaceous alcurolitene is relativelly more reduced than that from slightly carbonaceous aleurolitene, carbonaceous slates and coals. Thus, the chlotoform-extraction of the bitumen in coal and carbonaceous slates according to its elementary

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composition belongs to the most reduced ones, whereas, according to the component composition, it belongs to the least reduced ones. On the other hand in the carbonaceous loam and argillitene the opposite is found. The oils originating from the least carbonaceous rocks are the most reduced. The elementary composition of the benzol-resins. from the chloroform-extract fluctuates in the case of single sorts of rocks even less that of the oils. The chloroform-extractions gravitate according to their elementary composition mostly towards the lines of the coal bitumens (ill.1). Thus it can be presumed that these substances appoach the bitumens of the coal series. From the diagram (ill.2) it is obviously that the main part of coals and aleurolite bitunens are farthest distant from those of the mineral oil. Considering the paleaographical situation and the above described properties of bitumen it can be concluded that if a mineral development here took place atall, it can only have been to a very limited extent. (2 ill., 3 citations from publications)

ASSOCIATION PRESENTED BY

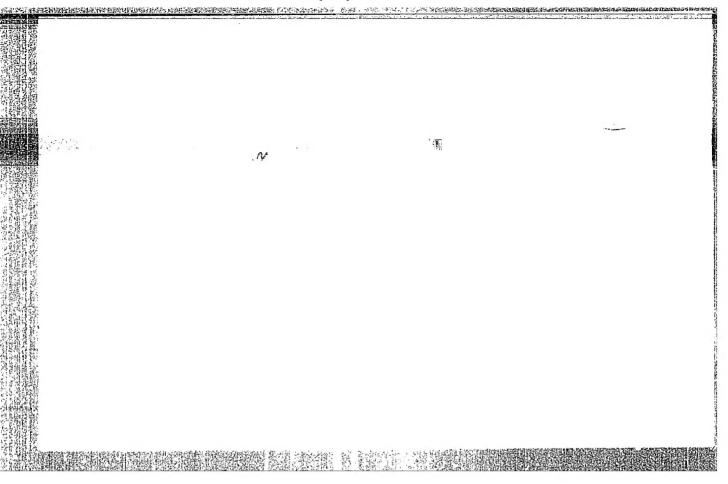
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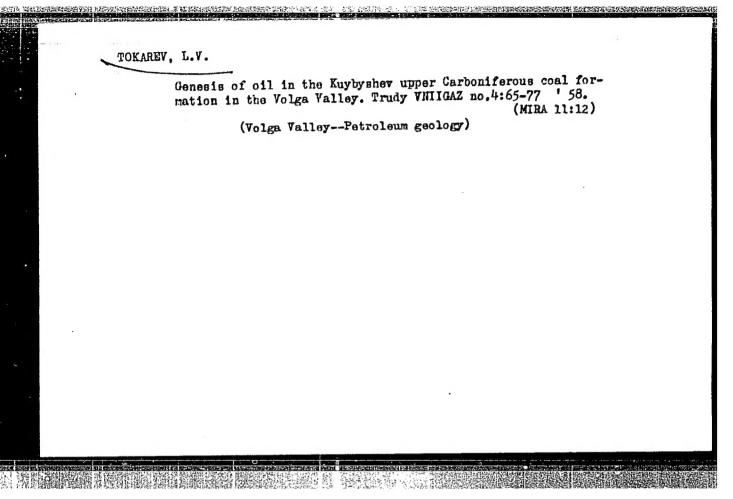
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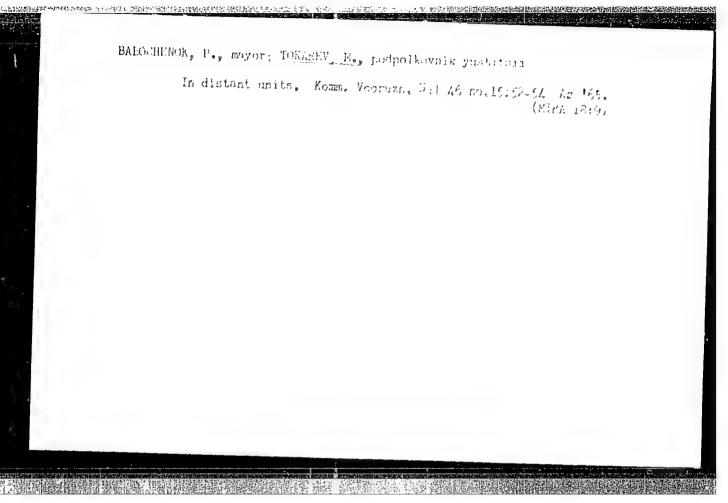
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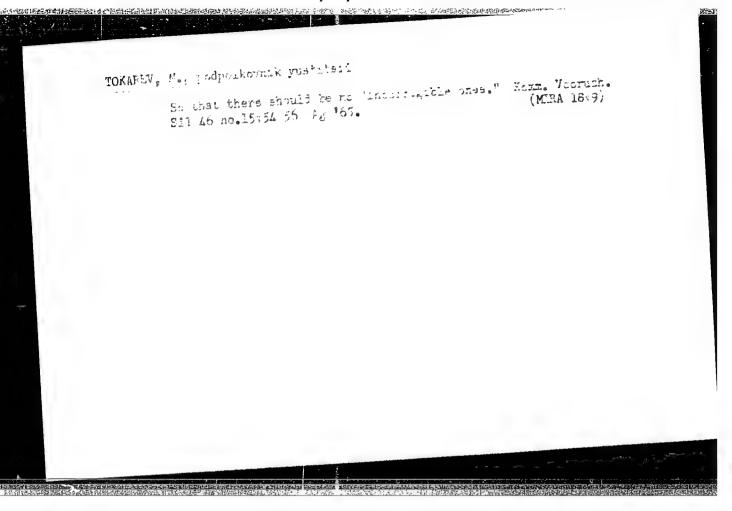
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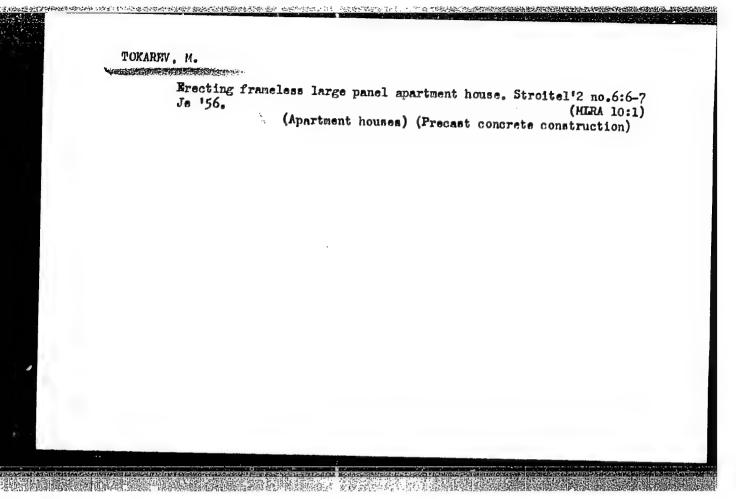




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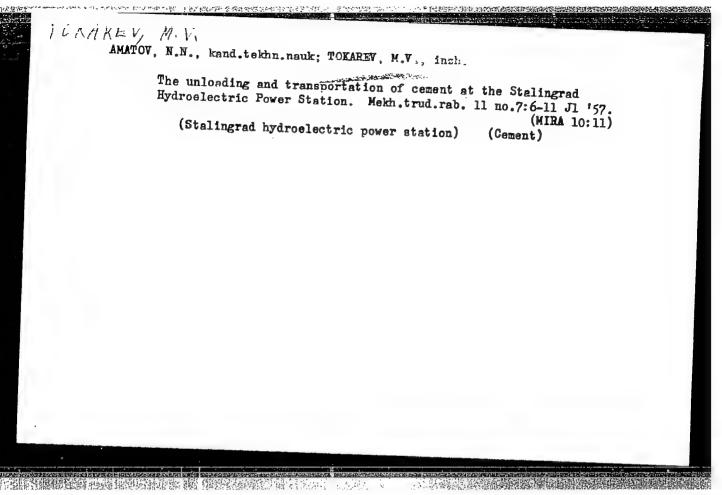
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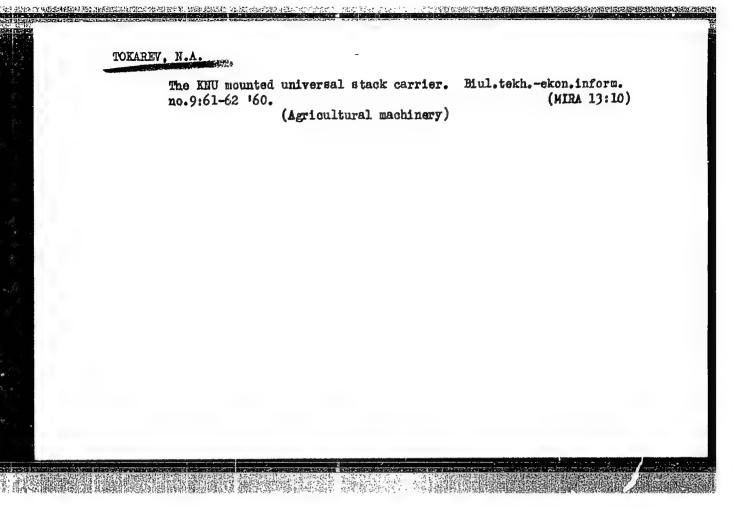
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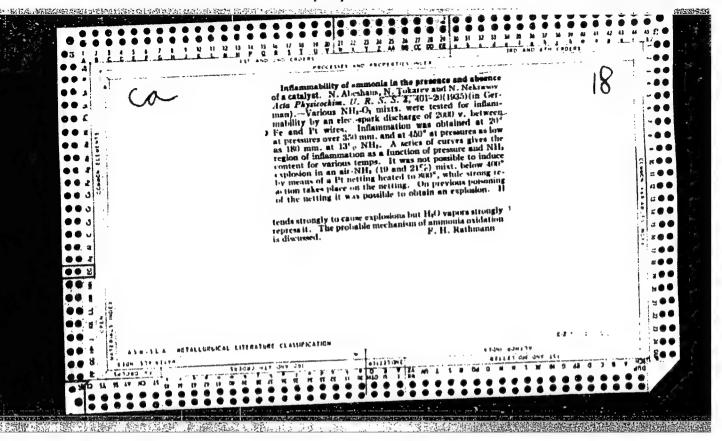
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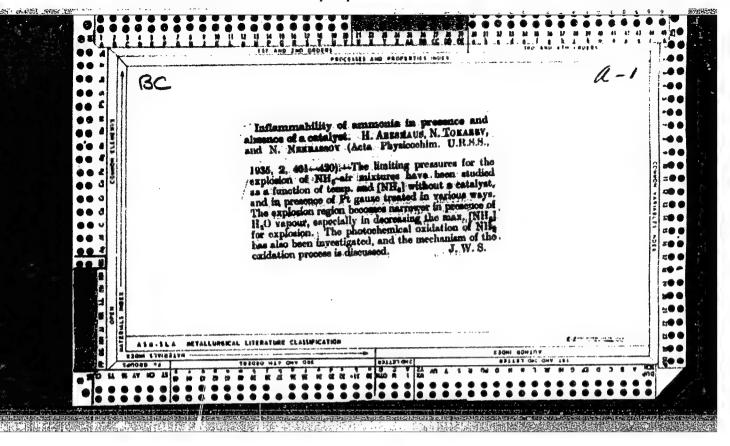
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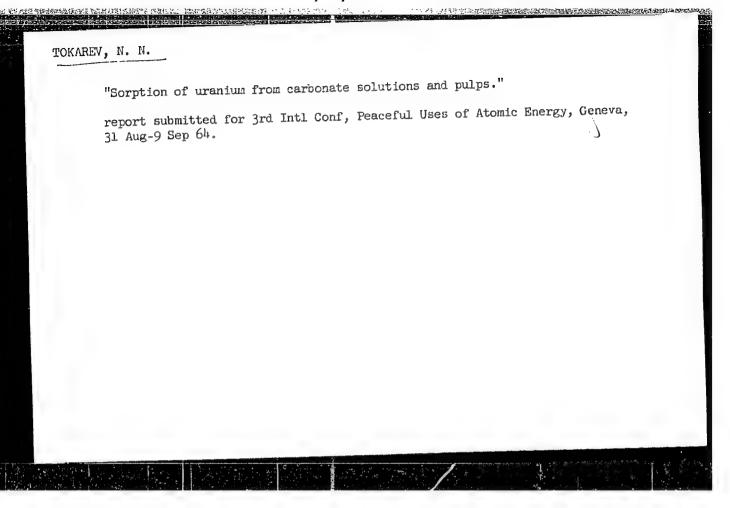


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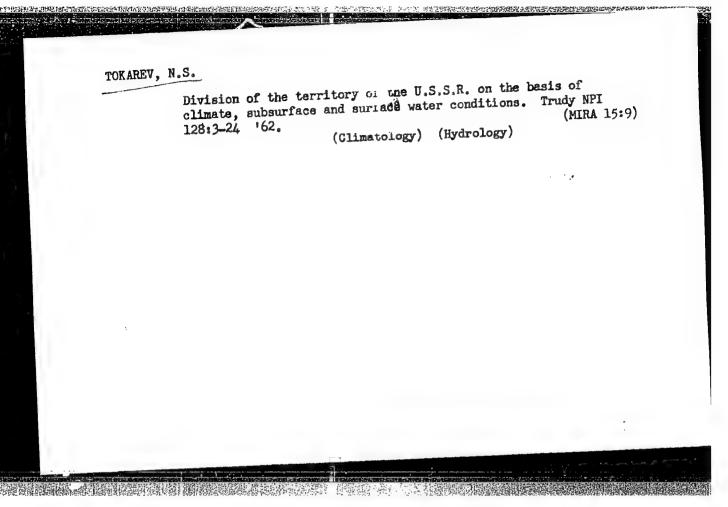
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EWT(m)/EWP(t)/ETI L 46106-66 SCURCE CODE: UR/0137/65/000/009/G018/G018 ACC NRI AR6000435 AUTHORS: Laskorin, B. N.; Tokarev, N. N.; Vodolazov, L. I. TITLE: Continuous methods for sorptional extraction of rare and nonferrous metals from pulps 12 B SOURCE: Ref. zh. Metallurgiya, Abs. 9G159 REF SOURCE: Sb. Ionoobmen. tekhnologiya. M., Nauka, 1965, 55-62 TOPIC TAGS: metallurgy, physical metallurgy, metal extracting, nonferrous metal ABSTRACT: A filterless-sorptional method for extracting nonferrous and rare metals is described. Under industrial conditions this method has been approved in 1953--1954, producing excellent results (it assures the increase of plant productivity by a factor of 1.5--3.0, increases the extraction of useful components by 5--10%, raises the productivity of key workers by a factor of 2--3, diminishes the use of chemicals and auxiliary materials). Working plans and descriptions of static variant of the sorptional treatment of pulp are presented, as is the method for the sorptional treatment of pulp in the suspended layer of ionite, in the moving layer of ionite, in the apparatus with pneumatic mixing, and in the continuous method for sorptional extraction of nonferrous and rare metals. 10 illustrations. V. Semakin /Translation of abstract/ SUB CODE: 11 669.85/.86.09 TDC: 1/1 Card

IJP(c) JD/WW/JG/RO/JK/RM SOURCE CODE: UR/0062/66/000/007/1267/1269 EWT(m)/EWP(i)/EWP(t)/FII 45716-66 ACC NRI AP6025400 AUTHOR: Vol'nov, I. I.; Tokareva, S. A.; Klimanov, V. I.; Pilipenko, G. P. ORG: Institute of General and Inorganic Chemistry im. N. S. Kurnakov, Academy of Sciences, SSR (Institut obshehey i neorganicheskoy khimii Akademii nauk SSSR) TITIE: Synthesis of potassium ozonide via potassium superoxide suspended in Freon-12 SOURCE: AN SSSR. Izv. Ser khim, no. 7, 1966, 1267-1269 TOPIC TAGS: ozonide, superoxide, potassium compound ABSTRACT: The reaction of KO2 with ozone was carried out in Freon-12, a liquid inert toward ozone. Potassium superoxide had the following composition: KO2, 90.22%; K2O2, 3.85%; KOH, 2.75%; K2CO3, 1.85%; H2O, 1.33% (by difference). Its particle size was 0.05 mm or less. The ozone content of the ozone-oxygen mixture was 9 wt. %. The step of extraction with liquid ammonia was omitted. Analysis of the ozonized product gave KO3, 77.2; KO2, 6.4; KOH, 10.6; K2CO3, 5.6 wt. %. The increase in the amount of KOH and K2CO3 impurities in the end product as compared to their content in the original potassium superoxide is due to the reaction of KO3 with atmospheric moisture and CO2 during the withdrawal of the samples for analysis, despite all the precautions taken. Orig. art. has: 1 figure and 2 tables. OTH REF: 003 SUB CODE: 07/ SUBM DATE: 18Dec65/ ORIG REF: 003/ 542.91+542.943.5+621.384.5+546.32 Card 1/1ULR

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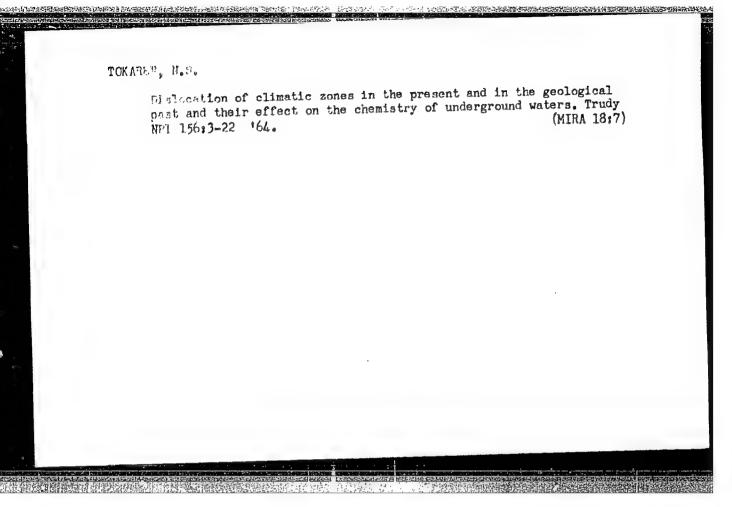
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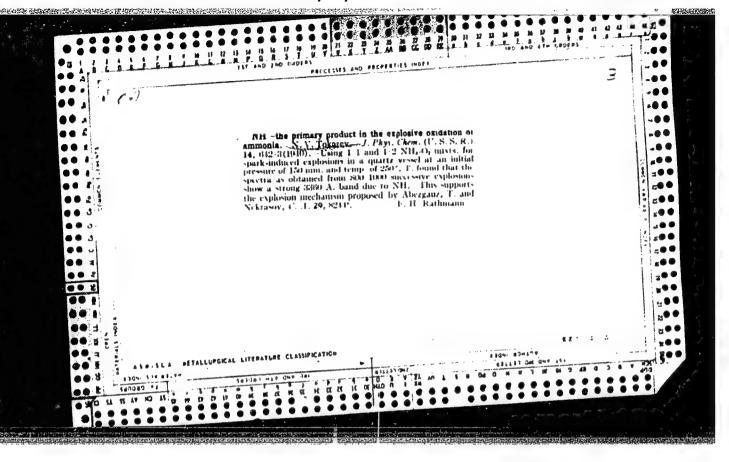
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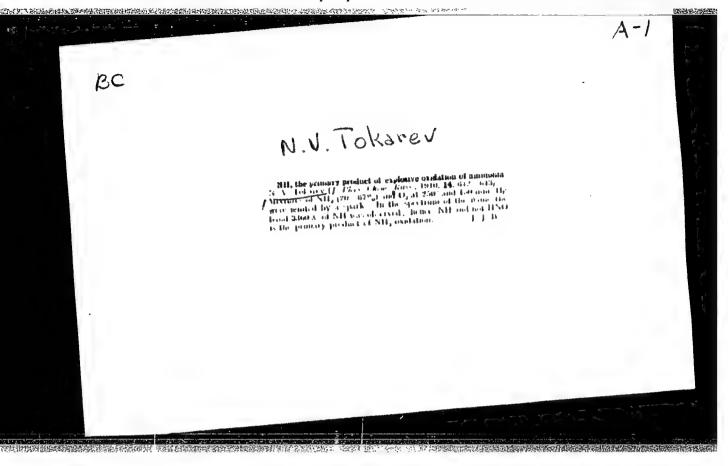
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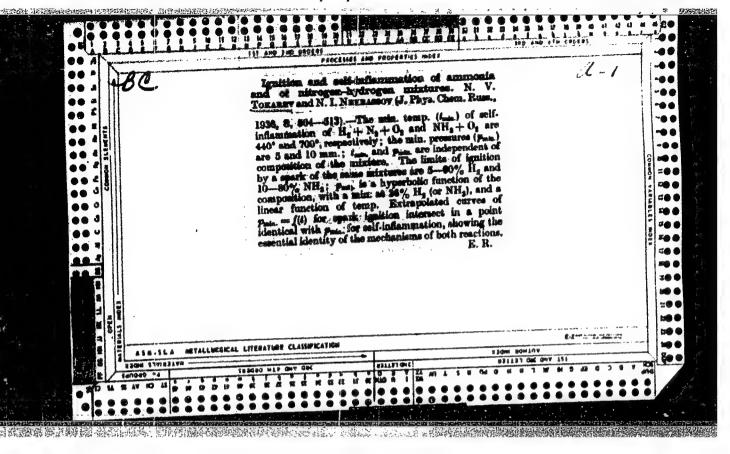
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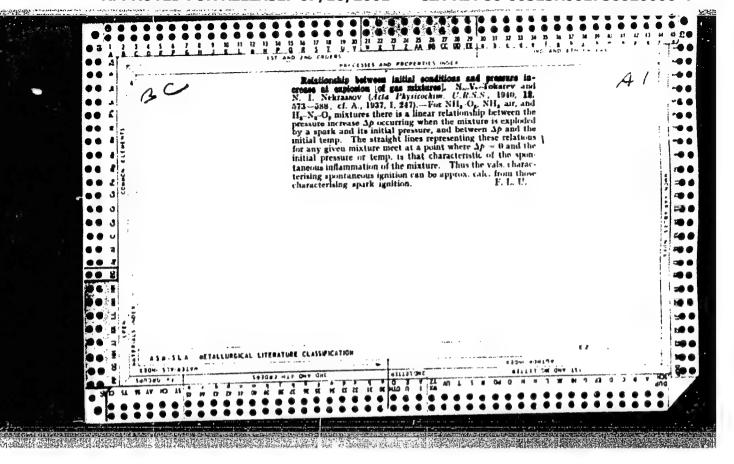


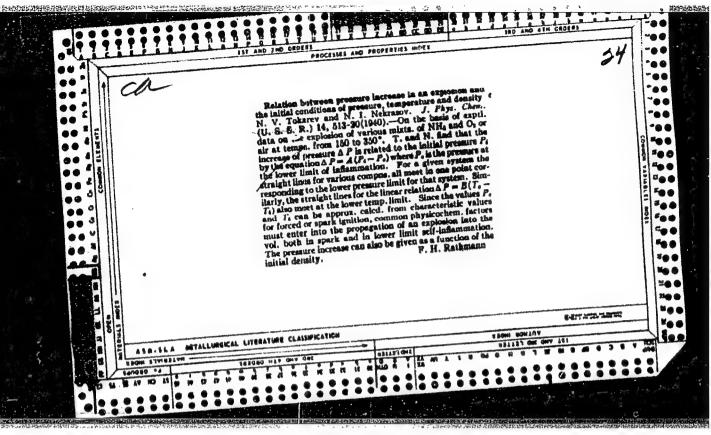
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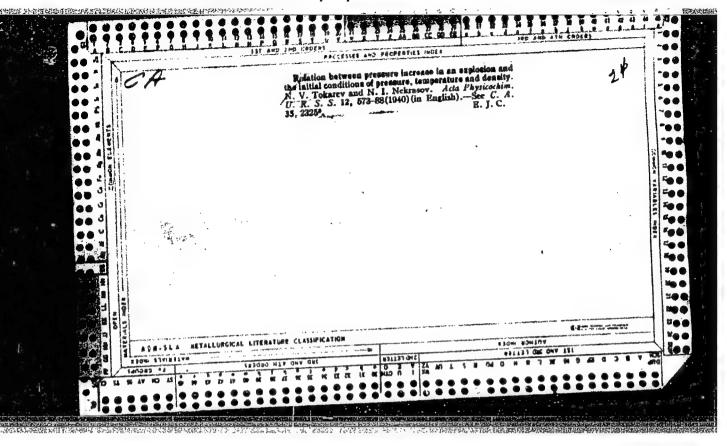
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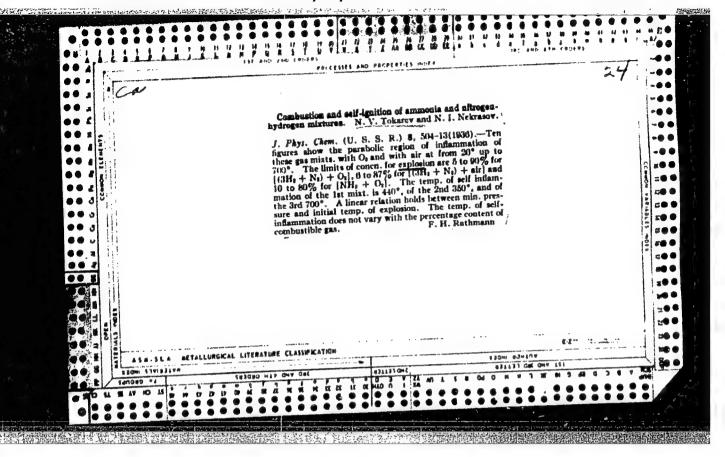


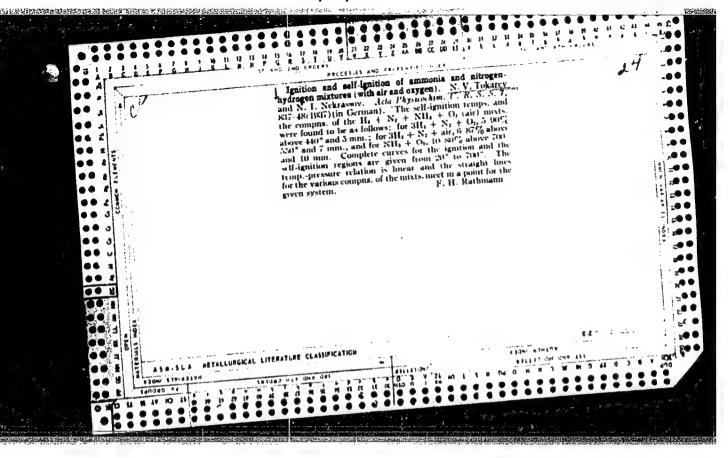


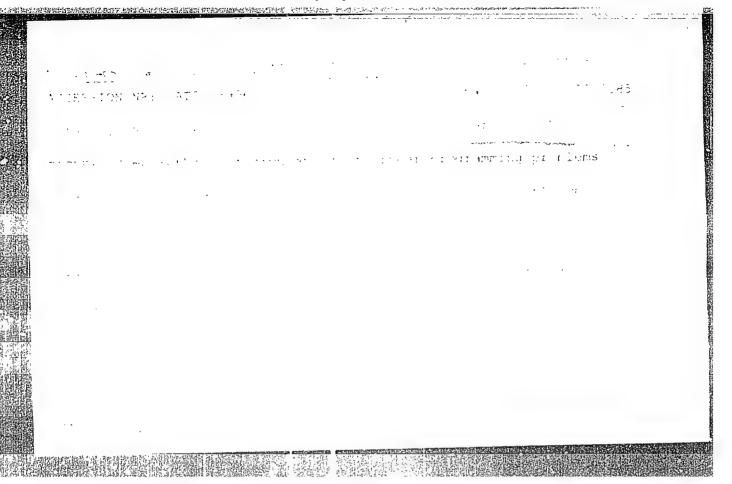












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1. Department of Pathological physiology, Kuban Medica. Institute, Krasnodar, USSR.

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1. Kafedra patologicheskiy fiziologii (zav. - prof. I.A. Oyvin) Kubanskogo meditsinskogo instituta, Krasnodar. Submitted July 3, 1962.

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001756020006-4"

OYVIN, I.A.; KIR YAKOV, M.A.; KOROLEVA, L.V.; ROMANOVSKAYA, L.L.; SVESHNIKOV, A.A.; TOKAREV, O.Yu.; UKLONSKAYA, L.I.

Radiometric study of problems of the pathogenesis and experimental therapy of inflammatory edemas. Vest. AMN SSSR 20 no.9:87-93 '65. (MIRA 18:11)

1. Institut meditsinskoy radiologii AMN SSSR, Obninsk.

TOKAREV, P. [Tokariev, P.], inzh.

Glass heat-resistant pipe. Bud. mat. i konstr. 4 zo.2:26-29
Mr-Ap '62.

(Pipe, Glass—Testing)

TORAK & BIETA

PHASE I BOOK EXPLOITATION

242

Tokarev, Petr Alekseyevich, Engineer Colonel

Khozyain samoleta; rasskaz ob aviatsionnom mekhanike samoleta (The Master of the Aircraft; Aircraft Mechanic's Story) Moscow, Voyen. izd-vo Min-va obor. SSSR, 1957. 118 p. (Series: Nauchno-populyarnaya biblioteka)

Ed.: Zakharov, D.M., Engineer Lieutenant-Colonel; Tech. Ed.: Mednikova, A.N.

PURPOSE: The book is intended to aid young draftees of the Soviet Air Force in choosing a specialty in the aviation field.

COVERAGE: The author discusses in popular terms the basic concepts of aviation, such as control surfaces. drag, propeller or jet engine thrust, forces acting on aircraft in flight, material for aircraft parts, prevention of corrosion, turbojet engines, structural rigidity of wings, banking, etc.

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Ch. IV. Checking is a Vital Matte	
Ch. V. The Role of the Aircraft M Under Present Conditions of Service	echanic (technician) ing Aircraft 113
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	MLM/ksv 7-24-58
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TOKARRY, FOTA ALEKSEY VIOL

TOKAREV, Petr Alekseyevich; inchener-polkovnik; ZAKHAROV, D.M., inshener-podpolkovnik, redaktor; MEDNIKOVA, A.N., tekhnicheskiy redaktor

[Master of the airplane; story about an airplane mechanic] Khosisin samoleta; rasskaz ob aviatsionnom mekhanike samoleta. Moskva, Voen. izd-vo M-va obor. SSSR, 1957. 118 p.

(Airplanes--Maintenance and repair)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001756020006-4"

TOKAREV, P.D.; LEPIN, A.E., red.; SMIRNOV, P.S., tekhn.red.

[Repair and use of television sets] Ekspluatatsiis i remont televizorov. Leningrad, Lenizdat, 1959. 190 p. (MIRA 13:1) (Television--Handbooks, menuals, etc.)

KUSHNIR, Yu.M.; FETISOV, D.V.; RASPLETIN, K.K.; FOCHTAREV, B.I.;
SPEKTOR, F.U.; GUROVA, R.P.; TOKAREV, P.D.; OSIPOV, V.N.;
PAVLOV, V.A.

Improving the scanning electron microscope — X-ray local
microanalyzer; some of its applications. Iav.AN SSSR.Ser.fiz.
27 no.34415-419 Mr '63.

(X-ray spectroscopy)

(X-ray spectroscopy)

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KUSHNIR, Yu.M.; FETISOV, D.V.; DER-SHVARTS, G.V.; POCHTAREV, B.I.; TOKAREV, P.D.; RASPLETIN, K.K.; SPEKTOR, F.U.; GUROVA, R.P.; POSTNIKOV, Ye.B.; OSIPOV, V.N.; PAVLOV, V.A.; POGUDINA, M.V.

Combined scanning electron microscope and X-ray microanalyzer with magnetic electron optics. Izv. AN SSSR. Ser. fiz. 27 no.9: 1166-1172 S '63. (MIRA 16:9) (Electron microscope) (X-ray spectroscopy)

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KUSHNIR, Yu.M.; FETISOV, D.V.; DER-SHVARTS, G.V.; POCHTAREV, B.I.; TOKAREV, P.D.; RASPLETIN, K.K.; GUROVA, R.P.; POSTNIKOV, Ye.B.

The REMP-1 scanning-type electronic microprobe instrument. Zav.lab. 30 no.12:1510-1512 *64. (MIRA 18:1)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001756020006-4"

ACC NR: AP6015760 (A, N)	SOURCE CODE: UR/0048/66/030/005/0764/0765
	V.; Tokarev, P. D.; Glushkova, E. D.; Kushnir,
Yu. M.	47
ORG: none	gar and American
18	10
FITLE: The MESEM-A-40 electrostation	electron microscope energy analyzer /Report,
Fifth All-Union Conference on Electr	on Microscopy held in Sumy 6-8 July 19657
TOPIC TAGS: electron microscope, el inelastic scattering, electron energ	lectron diffraction, electron scattering,
ABSTRACT: A type MESEM-40 electrost	atic electron microscope, described elsewhere by
V.I.Milyutin, D.V.Fetisov, K.K.Raspl	letin, F.U.Spektor, and B.I.Pochtarev (Izv. AN ?
SSSR. Ser. fiz., 23, 454 (1959)), ha	as been modified for use as an electrostatic energy
analyzer for investigation of inelas	stic scattering of electrons. The modified in- etron diffraction camera. Two auxiliary sections
strument can also be used as an elec-	lon of the MESEM-40 microscope that contains the
Objective, intermediate, and project	tion lenses. One auxiliary section is inclined an
contains the condensing lens for wor	rk with electron reflection. The other auxiliary
section contains the specimen holder	r, the mechanism for controlling the motion of the

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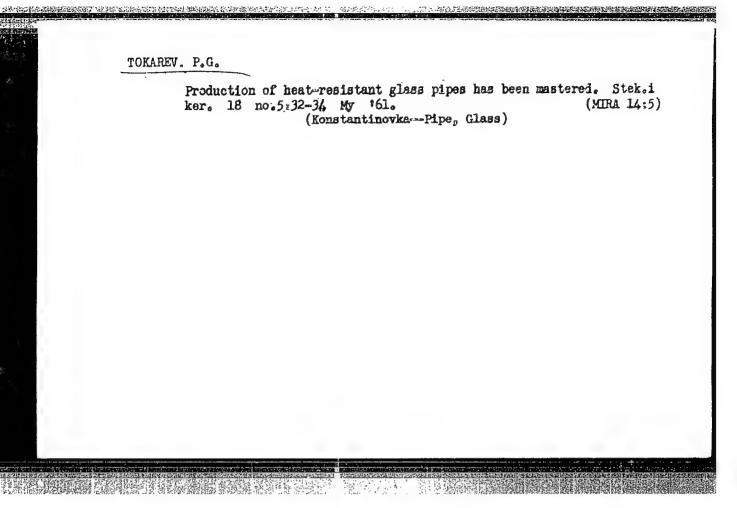
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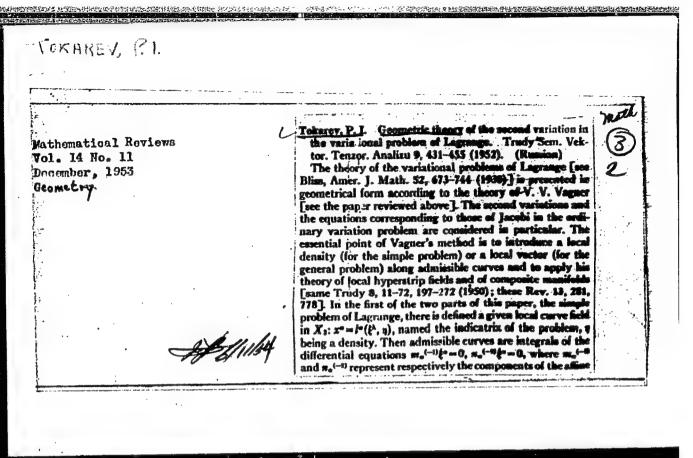
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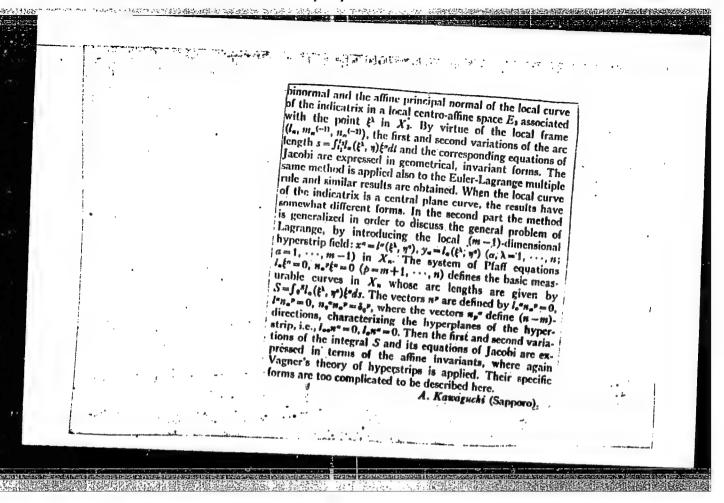
slit, the objective, and the analyzer lens. The accelerating potential can be continuously varied; its maximum value is 40 kV. The microscope can produce light field, dark field, and steroscopic images at magnifications from 3000 to 11 000 and with a resolution of 40-50 A. The energy resolution of the analyzer is 0.5-0.7 eV. The electron microscope images, electron diffraction patterns, and electron energy spectra are recorded photographically. Orig. art. has: 1 figure.

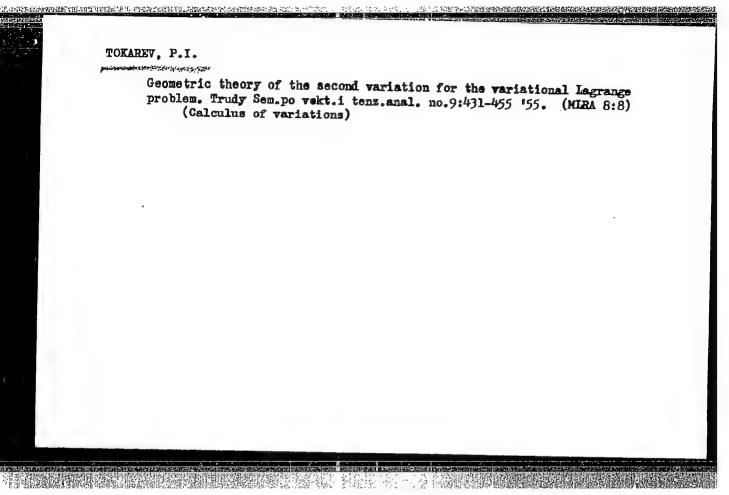
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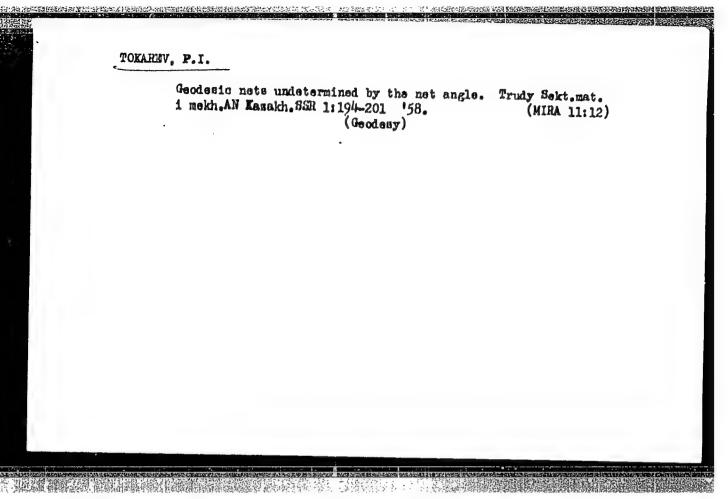


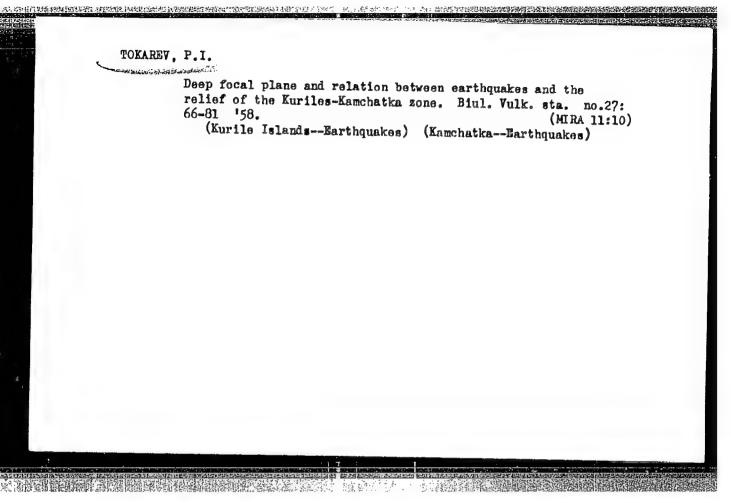


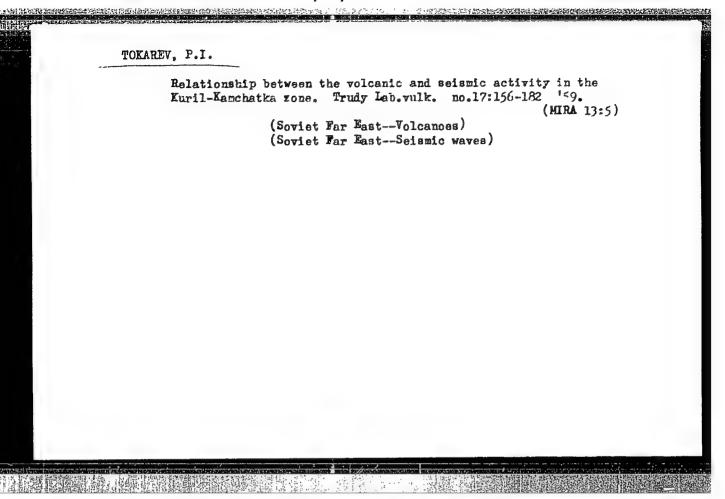
TOKAREV, P. I.

"Geodesic Nets Not Determined by a Network Angle"

Trudy, t. 1. Transactions of the Mathematics and Mechanics Section, Kazakh SSR, Acad. Sci., Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958, 207pp.







S/169/62/000/001/007/083 D228/D302

AUTHOR:

Tokarev, P. I.

TITLE:

The Kozyrevsk seismic station

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 1, 1962, 13, abstract 1A115 (Byul. Vulkanol. st. AN SSSR, no. 29,

1960, 54-55)

TEXT: A seismic station was organized in 1958 near the settlement of Kozyrevsk to study volcanic earthquakes in the area of the Klyuchesvskaya group of volcances. The station's substratum is: An upper layer (1.5 m) of ashy deposits, then come dense clayey glacial deposits down to a depth of 6 m, below which lies a dense lava flow. The station is provided with seismographs of the regional type of D. A. Kharin's system for three components; the rate of rotation of the recording drum is 60 mm/sec. The observations of the station will be published in the Byulleten Vulkanologicheskoy stantsii. / Abstractor's note: Complete translation. /

Card 1/1

39078 S/169/62/000/006/011/093 D228/D304

3,9300

AUTHOR:

Tokarev. P. I.

TITLE:

Energy estimation of the force of earthquakes of the

Bezymyannyy volcano

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 6, 1962, 10, abstract 6A60 (Byul. Vulkanol. st. AN SSSR, no. 31,

1961, 38-45)

TEXT: A method is proposed for estimating the energy of earthquakes near the Bezymyannyy volcano from the flow of seismic energy E.:

 $E_k = \rho c \int_0^t x^2 dt$ (1)

- where p is the rock density, c is the velocity of elastic waves. Card 1/3

39078 S/169/62/000/006/011/093 Energy estimation of ... D228/D304

t is the time, and x is the displacement. To simplify the calculations, it is assumed that

$$x = Ae^{-\xi(t-t_0)} \cdot \sin \omega (t - t_0)$$

where A is the maximum displacement amplitude for all components, to is the wave arrival time, $\mathcal{E}=0.0204~{\rm sec}^{-1}$ (the mean for 80 \leq t - to \leq 150 sec, with an average relative error of 6.5% according to 50 earthquakes with A = $\begin{bmatrix} 1 - 465 \end{bmatrix} \mu$), $\omega = 2\pi/T$, and T is the period of oscillations. Integrating in (1) to t = ∞ with allowance for $\mathcal{E} \ll \omega$ gives

$$E_{k} = \frac{\pi^{2} \rho c}{\dot{\epsilon}} \cdot \left(\frac{\Lambda}{T}\right)^{2}$$
 (2)

Card 2/3

是**证据的问题的**是否是有关的。

Energy estimation of ...

S/169/62/000/006/011/093 D228/D304

In the case under investigation the surface wave energy constitutes 96.0% of the seismic wave energy. Therefore the (estimated) value of the group velocity of Love waves — $c_Q = 1.87 \text{ km/sec}$ — is taken for c. The method's relative error does not exceed 10% (without taking into account the uncertainty of the magnitude of $\rho c/E$), which follows from the comparison of the results of calculations of E_k for 9 earthquakes according to formulas (1) and (2), when E_k from (2) exceeds E_k from (1) by an average of 3.9%. This appears to be related to the fact that (2) takes the earthquake "tail" into account. Abstracter's note: Complete translation.

X

Card 3/3

ACC NR. AT6036298

SOURCE CODE: UR/3233/66/000/041/0015/0019

AUTHOR: Tokarev, P. I.

ORG: none

TITLE: Seismicity of the region of the northern Kamchatka volcanoes in 1964

SOURCE: AN SSSR. Sibirskoye otdeleniye. Institut vulkanologii. Byulleten' vulkanologicheskikh stantsiy, no. 41, 1966, 15-19

TOPIC TAGS: earthquake, seismicity, seismologic station, upper mantle, volcano/

ABSTRACT: The present article analyzes the seismicity of the region of the northern Kamchatka volcanoes during 1964. Only tectonic and volcanic earthquakes not directly associated with eruptions are investigated. A table of earthquakes recorded in 1964 is given which shows date, origin time, coordinates of the focus, and log E of the earthquake (where E is the energy in joules). A map of epicenters shows two distinct epicentral zones: the Sredniy Range zone with 76 earthquakes and depths of 0—20 km, and the Kumroch Range and Khapitsa River zone with 20 earthquakes of which 10 have focal depths exceeding 70 km. The strongest earthquakes recorded were shocks with log E = 12. A great increase in seismicity at focal depths of 80—270 km is noted in the area. It is attributed to the eruption of Sheveluch

Card 1/2

ACC	NR:	at6036298	

Volcano on 12 November 1964 confirming the author's earlier deductions that seismicity due to earthquakes at depths of 70—200 km and volcanic activity of the Kurile-Kamchatka region are the result of tectonic processes in the upper mantle. Orig. art. has: 1 table and 1 figure.

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 5108

Card 2/2

ACC NR. AM6022705

Monograph

UR

Tokarev, Pavel Ivanovich

Eruptions and sesmic regime of volcanoes in the Klyuchevskiy group, 1949-1963 (Izverzheniya i seysmicheskiy rezhim vulkanov Klyuchevskoy gruppy, 1949-1963 gg) Moscow, Izd-vo "Nauka", 1966. 116 p. illus., biblio., tables. 700 copies printed.

TOPIC TAGS: earthquake, seismology, volcanic activity, seismologic station, geodynamics / Kamchatka peninsula

PURPOSE AND COVERAGE: This booklet, based on seismic data collected at the Kamchatka Volcanological Station and the Klyuchi Seismic Station by the author, B. I. Piyp, and G. S. Gorshkov, investigates earthquakes associated with the Bezymyannyy and Klyuchevskiy volcanoes. An attempt is made to determine patterns of behavior between the seismic activity of the volcanoes and eruptions. Characteristic seismic data signaling the conset of an eruption serve as the basis of a system of forecasting explosive eruptions. In addition to the existing stations (Klyuchi, Kozyrevsk, Apakhonchi) in the region, the author calls for the establishment of at least one more station near

Card 1/3.

UDC: 551.21+624.042.7

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001756020006-4"

ACC NRI AM6022705

Bylinkina Crater in order to ensure the precise determination of the foci of volcanic-generated earthquakes. The booklet has about 100

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- Ch. 3. Apparatus and methods of processing materials -- 29
- Ch. 4. Seismic activity of the northern volcanic group on Kamchatka -- 43
- Ch. 5. Seismic activity of the Bezymyannyy volcano -- 51
- Ch. 6. Relationship between the seismic activity and the eruptions of

Card 2/3 .

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Ch. 7. Rela	tionship between the seismic activity and the eruption achevskiy volcano 84	15
Supplement -	106	
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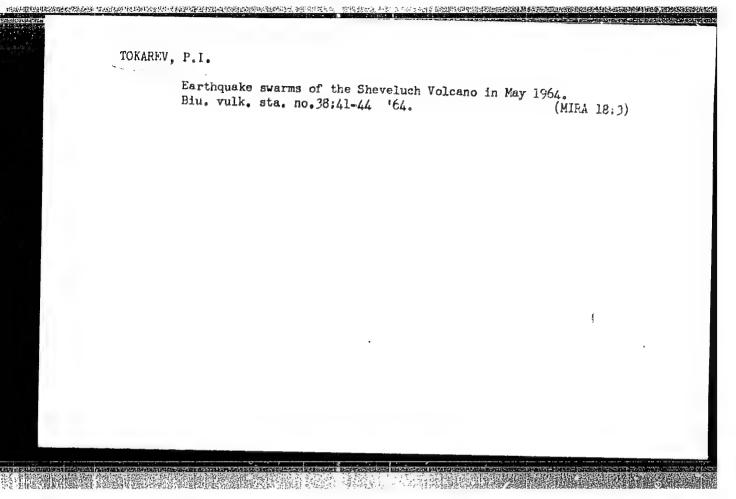
KOMISSAPUK, A.M. (Minsk); TOKATEV, P.I. (Ural'sk)

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(MINA 19:1)

TOKAREV, P.I.

Recording of the explosions of the Klyuchevskiy Volcano in 1962. Biul. vulk. sta. nc.37:52-59 '64. (MIRA 18:3)



MARKHININ, Ye.K.; TOKAREV. F.I.: FUGACH, ".B.

Studying the state of the volcances of the Klyuchevskey group and the Sheveluch Volcano in 1961. Biul.vulk.sta. no.35:3-8 '64. (MIRA 17:10)

(MIRA 17:10)

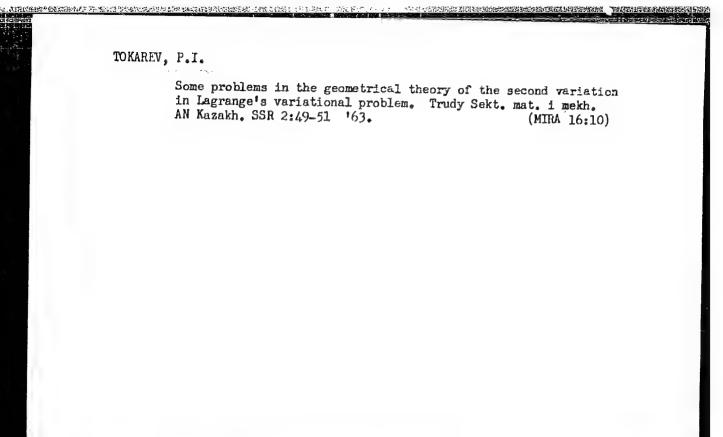
MARKHININ, Ye.K.; SIRIN, A.N.; TIMERBAYEVA, K.M.; TOKAREV, P.I.;

MAKHORKIN, I.F., red.

[Volcances of Kamchatka and the Kurile Islands] Vulkary

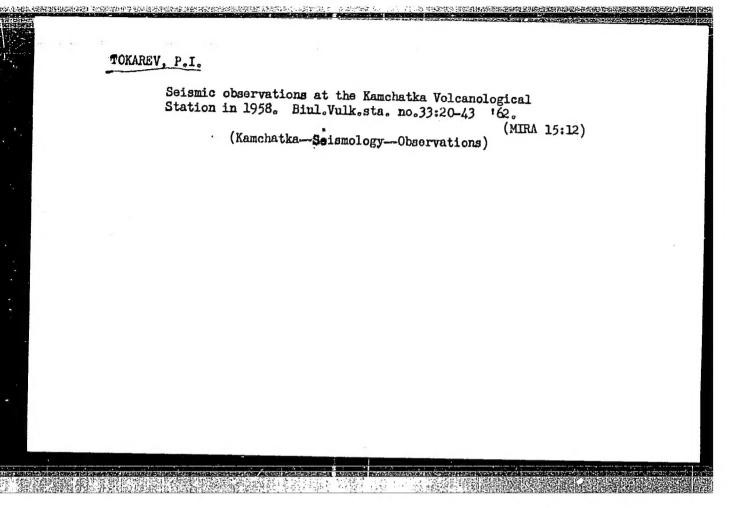
Kamchatki i Kuril'skikh ostrovov. Petropavlovsk
Kamchatskii, Knizhnaia red. "Kamchatskaia pravda," 1959. 85 p.

(MIRA 1714)



MARKHININ, Ye.K.; TOKAREV, P.I.; PUGACH, V.B.; DUBIK, Yu.M.

Eruption of the Bezymyannyy Volcano in the spring of 1961.
Biul. Vulk. sta. no.34:12-35 '63. (MIRA 16:10)



TOKAREV, P. I.

Rectilinear Networks Non-determined by the Net Angle on a LOBACHEVSKIY Plans p.13

TRANSACTI IS OF THE ONE STRIBLICAS CONFERENCE OF MATHEMATICS AND MICHARICS (TRADY VILROY RESPUBLIKANCE OF NATIONALLY BY MATHEMATICS I PERMATER), 180 pages, published by the Fullibing Laure of the FULLSCARE SER, ALMARA, COSR, 1969

TOKAREV, -P.I.; BORISOVA, V.N.

Eruption of the Bezymyannyy Volcano in April 1960. Biul. Vulk.sts.
no.31:23-27 '61. (MIRA 15:2)

(Bezymyannyy Volcano)